Green Spaces on Campus

Why we need them on Campus

Students for Campus Life Improvement
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Why green space is important for campus students

- Students who used the campus green spaces more frequently perceived their quality of life as higher when compared with those students who used green spaces less frequently.

- Additionally, undergraduate student use of campus green spaces was correlated with the individual areas of overall quality of life, the affective domain of quality of life of university students, and, specifically, the total positive affective dimension and the interaction with students dimension.

- These results suggested campus green spaces and their availability could potentially be a contributing factor in student retention, particularly among students new to the university (i.e., freshmen).

- Finally, student use of campus green spaces did not appear to benefit any particular gender or ethnic group more than others.

The Relationship between Student Use of Campus Green Spaces and Perceptions of Quality of Life

- We have found that students' perception of their overall academic experience and the campus environment is related to academic accomplishment.
- Additionally, we found that the designed environment of the university can influence the degree of stress students may feel. The main objective of our group is to investigate the relationship between undergraduate university student use of campus green spaces and their perceptions of quality of life at New York City College of Technology.

McFarland, A.L., T.M. Waliczek, and J.M. Zajicek. "The Relationship Between Student Use of Campus Green Spaces and Perceptions of Quality of Life." Hortenchology. Print.

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- Of respondents in this study, 66.8% of students were ranked as high-users of campus green spaces. This study found that undergraduate student use of campus green spaces and perceptions of quality of life were related to each other
- Positive student perceptions of experiences within the university have been found to be important for universities interested in retaining and attracting high ability students.

Why we should have a green environment in City Tech

Having a green environment is always good to students and for school. It allows student to go out more often to hang out outside of the boring school environment, allows them to study better, makes the school look better, helps reduce pollutants and improve the environment around the area.

Benefits of having trees

- Trees absorb Carbon Dioxide to provide energy for themselves and release Oxygen into the air. This is great for us because carbon dioxide is one cause of global warming and destroying the health of the Earth
- Trees also absorbs odors and pollutant gases and filter particulates out of the air by trapping them on their leaves and bark
- Trees cool the streets by shading homes, streets and releasing water vapor in the air through their leaves.
- Since trees can cool the street, this also means that it can help conserve energy by reducing the use of air conditioning

Benefits of having trees

- Trees can also save water. Shades from the tree slow water evaporation. As trees transpire, they increase atmospheric moisture.
- Trees help prevent water pollution.
  - reduce runoff by breaking rainfall, allowing the water to flow down to the trunk and into the surface of the earth.
- Trees provide a better environment for people in the surrounding. Reducing violence because it reduces the level of fear.
- Trees bring people together. As students, we always want to make friends within the school, and being together under a friendly environment is perfect for students to interact and socialize.

Campus green space important for undergrads

- Improves concentration
- Multiple studies show that being in green spaces reduces stress
- Various schools in urban environments plan to add Green spaces, including NYU, Emory College in Georgia, Kent University in Kansas
- Various schools are also expanding their existing facilities to help promote a better campus experience, such as Georgia Tech.
- Green space helps promote positive well being (i.e. puts students and staff at ease)

Believe it or not Flora makes BIG a Difference

- It can lighten the breathing atmosphere around everyone.

- Reduce the chances of carbon-dioxide (CO2) buildup on a small but significant scale.

- Also it is believed it has an ability to add energy it to everyone around the area (but this is still yet to be determined though).

Even from an Aesthetic Perspective

- Flora can brighten the environment on a visual level.

- It creates the subconscious appearance that the employees/students have a better sense of care for what's around them other than the work that is already presented to them.

- Also it can give new people a good idea of the environment as not being stuffy and dull.

Questions to ask

- How did you feel the 1st day you walked into New York City College of Technology?

- How did you feel when you noticed the next to nothing amount of Flora?

- Do you feel the inclusion of Flora really plays a difference in the environment?

- Or are you just one of those people who don't really mind what is in your working space?
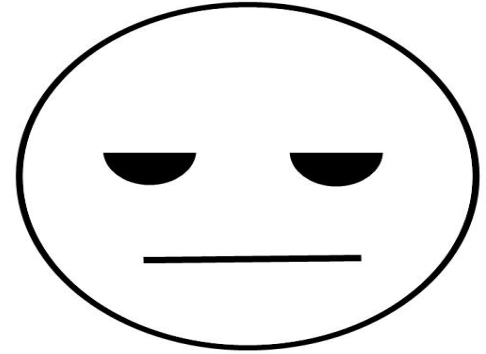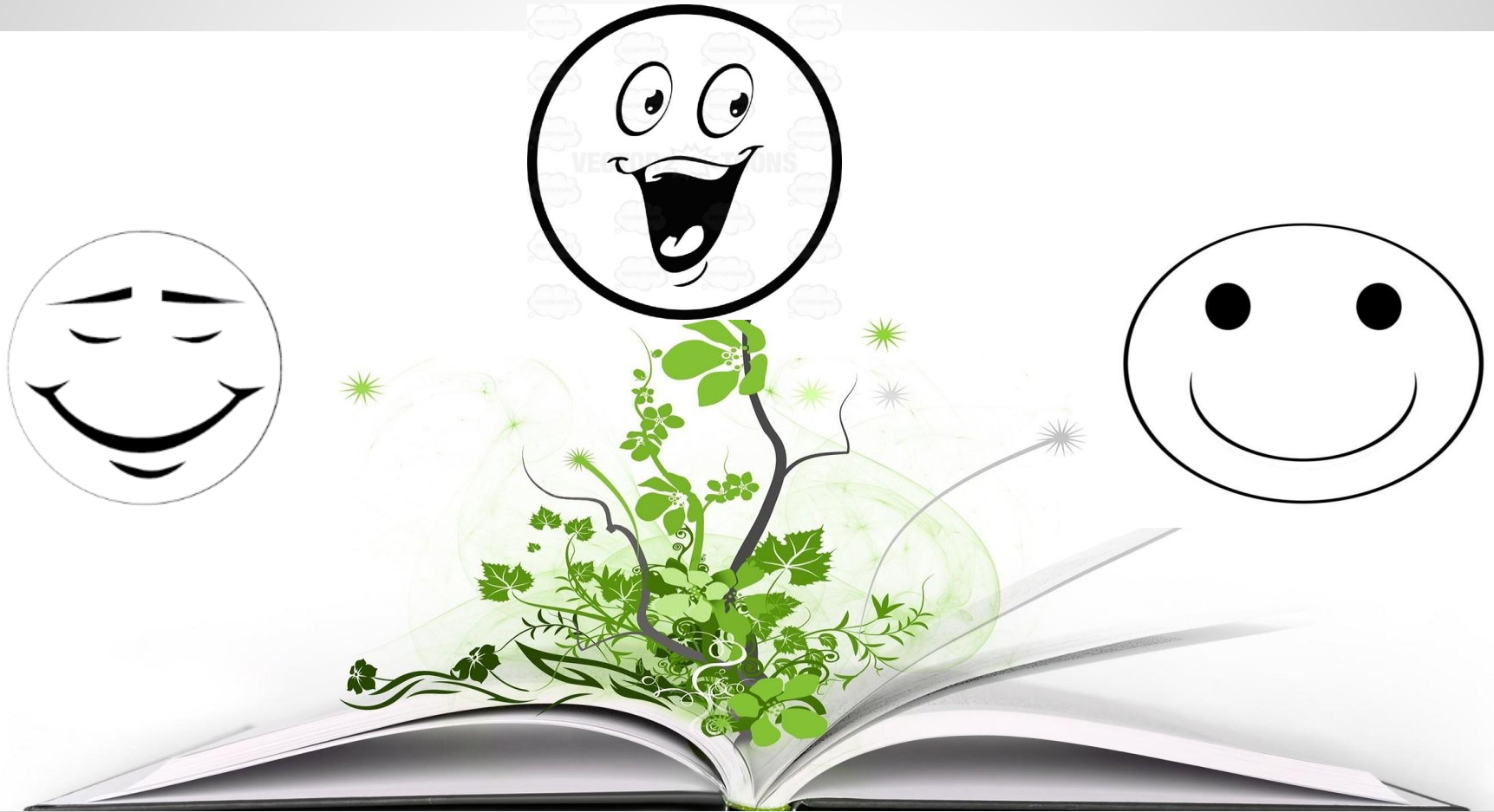
Exhibit A…No Flora Around You

Exhibit B...Flora Around You

Opportunities

Entrance to the Atrium Building

- Mostly empty
- Used for events
- Known to all students

Opportunities

Entrance to the Voorhees Building

- Clear gathering spot
- HIghly visible
- Improves surrounding areas

American Holly

https://store.speedtree.com/site-assets/uploads/2013/11/140_AmericanHolly_Shrub.jpg

Black Ash

http://www.nyis.info/images/5110042.jpg

Red Oak

http://upload.wikimedia.org/wikipedia/commons/4/47/Image_Nort hen_Red_Oak_Dresden06.JPG

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